Amendments to the Claims

1-4. (Cancelled)

5. (Currently Amended) A liquid crystal projector comprising an analog gamma correction circuit to make input signal level-to-illuminance characteristics linear, wherein

a digital gamma correction circuit for changing gamma correction characteristics ~~whose~~ with variable input-output characteristics ~~are variable~~ is provided in a stage preceding the analog gamma correction circuit, ~~and~~ in which the input-output characteristics of the digital gamma correction circuit ~~for changing gamma correction characteristics are changed so that gamma correction characteristics are changed~~ are varied according to a characteristic changing instruction from a user, and

the input-output characteristics of the digital gamma correction circuit are indicated by an exponential equation whose exponent is variable.

6-12. (Cancelled)

13. (Currently Amended) A liquid crystal projector comprising a first digital gamma correction circuit to make input signal level-to-illuminance characteristics linear, wherein

a second digital gamma correction circuit for changing gamma correction characteristics ~~whose~~ with variable input-output characteristics ~~are variable~~ is provided

in a stage preceding the first digital gamma correction circuit, ~~and~~ in which the input-output characteristics of the second digital gamma correction circuit ~~for changing gamma correction characteristics are changed so that gamma correction characteristics are changed~~ are varied according to a characteristic changing instruction from a user, and

the input-output characteristics of the second digital gamma correction circuit are indicated by an exponential equation whose exponent is variable.

14-16. (Cancelled)